

WFOO
S. O.
ADFG

Hopper
metzger

ADFG FILE COPY

FISH STREAM SURVEY FIELD REPORT

Helmuth
Swartz

Date: 6/2/82

Camp: NAUKATI
TRIB to NAUKATI CREEK
Stream Catalogue #: 103-90-026

Quad Map: CRAIG (D-4)

V.C.U.: 571

Unit: 45-32

Road: 5604

T 695 R 81E Sect 6

SPECIES PRESENT

PINK, COHO
RESIDENT

STAGE OF DEVELOPMENT

ADULT & Fry
ADULT & Fry

TYPE OF FISH HABITAT

Salmon Rearing	Excellent	Good	Fair	Sq. Yds.
Salmon Spawning	Excellent	Good	Fair	Sq. Yds.
Resident Rearing	Excellent	Good	Fair	Sq. Yds.
Resident Spawning	Excellent	Good	Fair	Sq. Yds.

Is future fish habitat enhancement possible?
If so, Describe:

YES _____ NO X

Fish Present Above Road Crossing:
Below Road Crossing:
Within Unit Boundary:
Below Unit Boundary:

YES	NO
_____	<u>X</u>
<u>X</u>	_____
_____	<u>X</u>
<u>X</u>	_____

Fish stream(s) intersection(s) marked with Metal Tags: Road _____ Unit X
Fish stream(s) Flagged: BLUE/WHITE X ORANGE/WHITE _____ GREEN/WHITE X
Fish streams Traversed: YES _____ NO X
Traverse notes Attached: YES _____ NO X
Is Additional Parameter Information Necessary? YES _____ NO X
If so Describe:

Stream No. #:	#1	#2	#3		
(%) Temp.:	8°C	8°C	8°C	_____	_____
(Ft.) Length	2629	2000	350	_____	_____
(Ft.) Width	5	15	3	_____	_____
(In.) Depth	12	18	8	_____	_____
103v					

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time
# 1	NO FISH STOCKED					
# 2	5/24/82	4	COTO	2", 2" 3", 3 1/2"	STOCKED	10 min.
# 3	NO FISH STOCKED					

Pertinent Wildlife Information: NUMBER OF DEER PELLETS OBSERVED
 INDICATES VERY HEAVY DEER USAGE IN LOWER SECTION
 Comments: OF UNIT 45-32. UPPER PORTION OF UNIT WERE
 NOT CHECKED.

Survey Crew Members:

Russ STEWART

Jim GRUBER

Signature

Russell Stewart

James D. Hunter

Date

6/2/82

6/2/82

Report Reviewed By:

Bob Metzger
 Signature

Jack Paul
 Title

9/1/82
 Date

Recommendations:

At the lower end of stream 2 there is a thin (50ft) strip of timber between the unit and the creek. This could not be taken due to lack of definition. As many trees as possible should be taken from this strip. The strip will also need to be monitored for blindborn 103v in the future.

See Attached sheets for specific prescriptions

Soils should check the lower ends of streams 1 and 3 to see if more stringent prescriptions (ie full suspension, full cleanup) are justified.

TIMBER HARVEST - LONG TERM SALE

Salmon Spawning and Rearing Streams
(Blue/White Ribbon)

UNIT # 45-32

STREAM(S) # # 2

ROAD # 5604

STATION # _____

The following fish stream protection prescriptions and recommendations apply:
based upon quality of habitat, resistance to alteration, and fish habitat
management unit objectives.

- ☒ 1. Directional falling or jacking (to include lining) of timber away from stream course.
- ☐ 2. Split the yarding on the creek or full suspension of timber over the stream course.
- ☒ 3. No limbing of timber inadvertently felled into stream course (to include windthrow). Yard timber in lengths to maximize lift.
- ☒ 4. Forty-eight hour removal of any debris introduced into stream course during timber harvest.
- ☐ 5. Windthrow impacting stream course will be marked for "Leave" and "Take" timber.
 - ☐ a. Timber marked with blue ribbon should be removed in lengths to maximize lift and minimize stream course disturbance.
 - ☐ b. Timber marked with yellow ribbon should be left in place or will require special considerations upon removal.
 - ☐ c. No limbing of timber occupying or suspended over stream course.
 - ☐ d. Removal of all introduced debris from stream course concurrent with yarding (to include root wads that may enter stream course).
 - ☐ e. Directional falling of standing timber away from stream course.

- X 6. Time timber harvest within crown height of streamcourse to avoid adverse impact to salmonid redds and/or pre-emergent fry. (Optimum time for harvest: approximately April 15 to August 15). Operations outside of this time period will require a site assessment by fisheries personnel.
- X 7. Hazard (leaning) trees along stream course should be marked by sale administrator and felled concurrent with yarding.
- 8. Protect brush, non-merchantable trees, and understory vegetation along stream course of temperature sensitive streams during timber harvest.

Additional Comments: SECTION ⁷ 8: DUE TO STEEP SIDE SLOPE ALONG STR. #2'S EAST BANK, THERE ARE MANY HAZARD TREES. THIS MAY REQUIRE ADDITIONAL ASSESSMENT BY FISH AND TIMBER PERSONNEL.

TIMBER HARVEST
LONG TERM SALE

"Non-Sports" Resident Fish Habitat and Water Quality Protection - Including
V-notches and/or unstable soils
(Green/White Ribbon)

UNIT # 45-32

ROAD # 5604

STREAM(S) # 1 AND #3

STATION # _____

The following fish stream protection prescriptions and recommendations apply:
based upon resistance of habitat to alteration and fish habitat management
unit objectives.

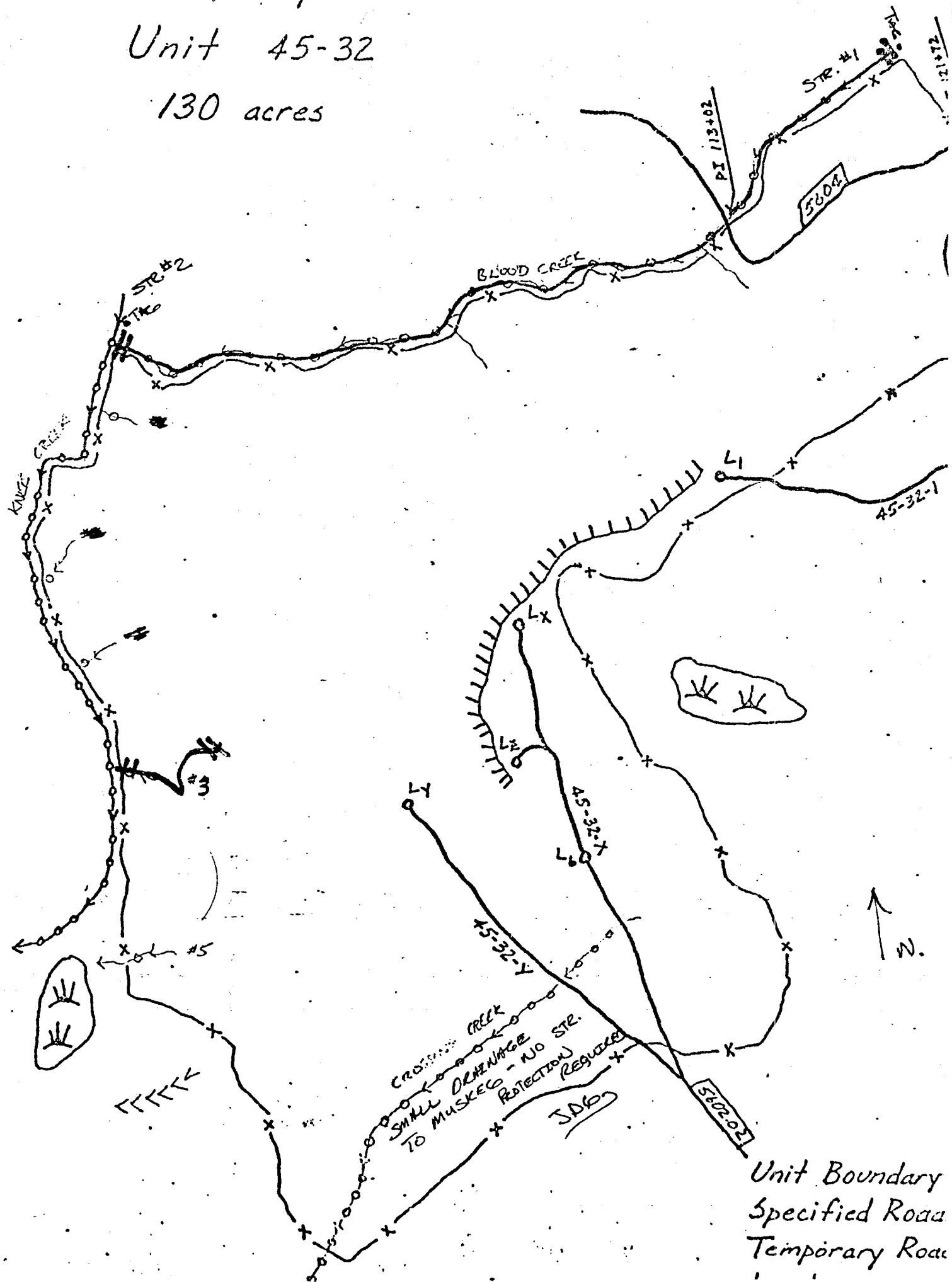
- X 1.) Directional falling (to include lining and jacking if necessary) of timber away from stream course.
- _____ 2.) Split the yarding on stream course or full suspension of timber over stream course.
- _____ 3.) Removal of all introduced debris (to include root wads that may enter stream course) from stream course concurrent with yarding.
- X 4.) Yard timber impacting stream course same season as felled..
- _____ 5.) Windthrow impacting stream course will be marked for "leave" and "take" timber.
 - a.) Timber marked with blue ribbon should be removed with least possible disturbance to stream course.
 - b.) Timber marked with yellow ribbon should be left in place or will require special consideration upon removal.
- X 6.) Chunk clean (removal of introduced debris 3 in. diameter or 6 ft. length or larger).
- X 7.) Avoid yarding up or down protected stream courses.
- X 8.) Recommend input from Soil Scientist and/or Hydrologist.

Additional Comments: SECTION 8: LOWER SECTION OF STREAM #1 AND STREAM #2
SHOULD BE CHECKED FOR POSSIBLE SOILS PROBLEMS, AS THESE
STREAMS FLOW DIRECTLY INTO SALMON SPawning AND REARING
HABITAT (STR. #2).

Naukati Long Term

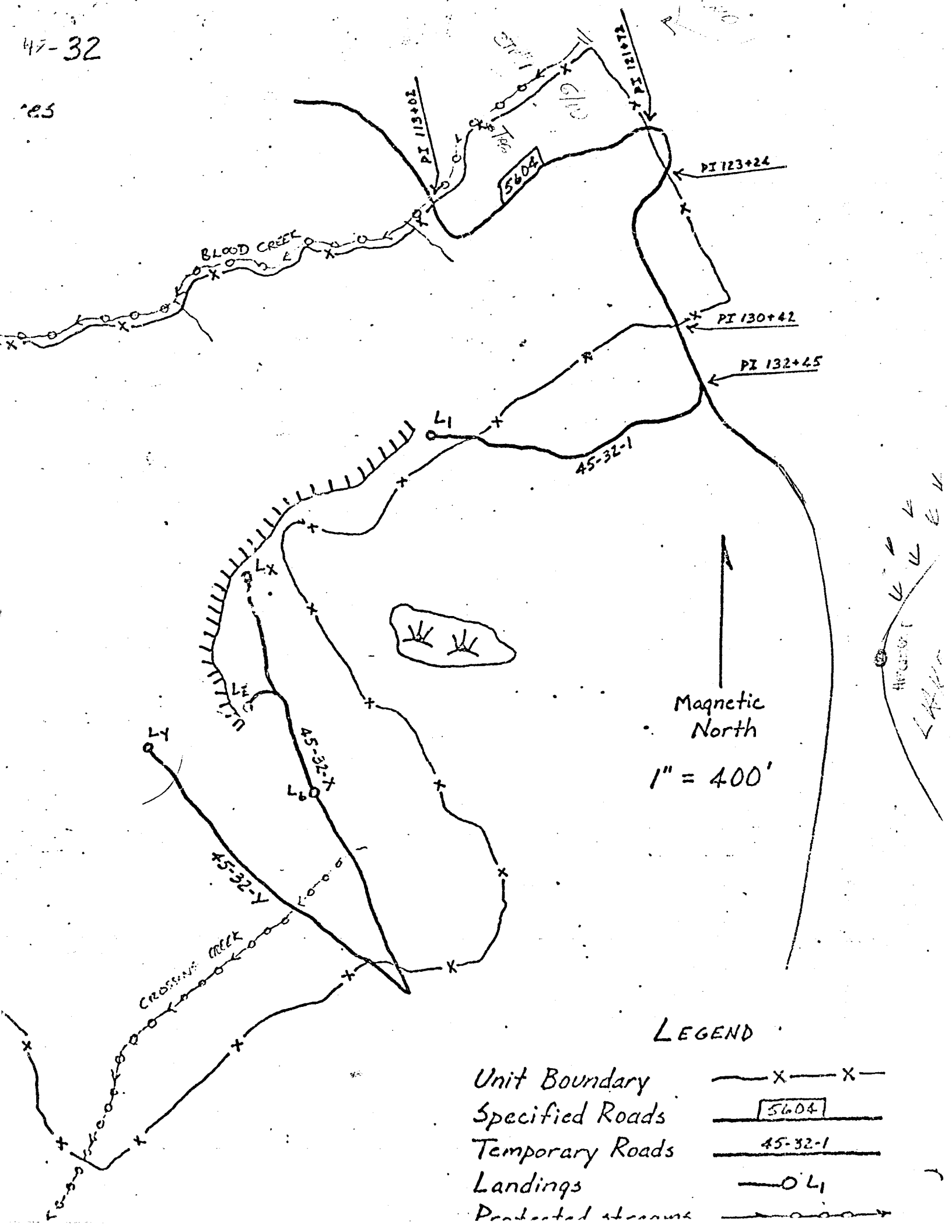
Unit 45-32

130 acres



47-32

res



LEGEND

- Unit Boundary
 - Specified Roads
 - Temporary Roads
 - Landings
 - Protected streams
- X—X—
 - 5604
 - 45-32-1
 - O L_i
 - o—o—o—